



## INFORMATION DISCLOSURE STATEMENT

Inventor : Miles, Mark W.  
App. No : 09/991,378  
Filed : November 21, 2001  
For : INTERFEROMETRIC MODULATION  
OF RADIATION  
Examiner : Piziali, Jeffrey J.  
Art Unit : 2629

## CERTIFICATE OF MAILING

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May 16, 2006

(Date)

Eric M. Nelson, Reg. No. 43,829

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing 175 references to be considered by the Examiner. Also enclosed are 31 foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed before the mailing date of a final action and before the mailing of a Notice of Allowance. This Statement is accompanied by the fees set forth in 37 C.F.R. § 1.17(p). The Commissioner is hereby authorized to charge any additional fees which may be required or to credit any overpayment to Account No. 11-1410.

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Dated: 5/16/2006

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

By:

Eric M. Nelson  
Registration No. 43,829  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 7

Application No.	09/991,378
Filing Date	November 21, 2001
First Named Inventor	Miles, Mark W.
Art Unit	2629
Examiner	Piziali, Jeffrey J.
Attorney Docket No.	IRDM.029CPC

## U.S. PATENT DOCUMENTS

Examiner Initials	Document Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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	7 5,244,707	9/14/1993	Shores	
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Date Considered

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	30	6,323,982	11/27/2001	Hornbeck	
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	37	6,473,072	10/29/2002	Comiskey et al.	
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	51	6,630,786	10/7/2003	Cummings et al.	
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 First Named Inventor Miles, Mark W.  
 Art Unit 2629  
 Examiner Piziali, Jeffrey J.  
 Attorney Docket No. IRDM.029CPC

(Multiple sheets used when necessary)

SHEET 3 OF 7

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Multiple sheets used when necessary) MAY 19 2006 PATENT & TRADEMARK OFFICE	Application No.	09/991,378	
	Filing Date	November 21, 2001	
	First Named Inventor	Miles, Mark W.	
	Art Unit	2629	
SHEET 4 OF 7		Examiner	Piziali, Jeffrey J.
		Attorney Docket No.	IRDM.029CPC

U.S. PATENT DOCUMENTS					
Examiner Initials	Date No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
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SHEET 5 OF 7

Application No.	09/991,378
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<b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (Multiple sheets used when necessary) SHEET 6 OF 7	Application No.	09/991,378
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
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	169	NIEMINEN, HEIKKI, ERMOLOV, VLADIMIR; SILANTO, SAMULI; NYBERGH, KJELL; RHANEN, TAPANI; "Design of a Temperature-Stable RF MEM Capacitor," Institute of Electrical and Electronics Engineers (IEEE) Journal of Microelectromechanical Systems, Vol. 13, No. 5, October 2004, pp.705-714.	
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	173	Tan et al. "RF MEMS Simulation-High Isolation CPW Shunt Switches", Ansoft: Global Seminars: Delivering Performance (2003)	
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